



INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 09/156,367		ATTY. DOCKET NO.: L0624.70000US00	
		FILING DATE: September 17, 1998		CONFIRMATION NO.: 9992	
		APPLICANT: Ya Fang Liu			
		GROUP ART UNIT: 1631		EXAMINER: Marianne P. Allen	
Sheet	1	of	3		

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
<i>MPA</i>	AD	4,980,281		Gerard M. Housey	12-25-1990
	AE	5,385,915		Joseph D. Buxbaum et al.	01-31-1995
	AF	5,461,146		Michael E. Lewis et al.	10-24-1995
	AG	5,468,872		Marcie A. Glicksman et al.	11-21-1995
	AH	5,475,110		Robert L. Hudkins et al.	12-12-1995
	AI	5,516,772		Marcie A. Glicksman et al.	05-14-1996
	AJ	5,534,426		Michael Karin et al.	07-09-1996
	AK	5,554,523		Usharani Reddy et al.	09-10-1996
	AA2	5,750,555		Uwe Trostmann et al.	05-12-1998
	AB2	5,817,479		Janice Au-Young et al.	10-06-1998
	AC2	5,591,855		Robert L. Hudkins et al.	01-07-1997
	AD2	5,593,884		Michael Karin et al.	01-14-1997
	AE2	5,594,009		Robert L. Hudkins et al.	01-14-1997
	AF2	5,605,808		Michael Karin et al.	02-25-1997
	AG2	5,676,945		Usharani Reddy et al.	10-14-1997
	AH2	5,705,511		Robert L. Hudkins et al.	01-06-1998
	AI2	5,756,494		Michael E. Lewis et al.	05-26-1998
	AJ2	6,127,401		Jasbir Singh et al.	10-03-2000
	AK2	6,159,948		George S. Robertson et al.	12-12-2000
	AA3	6,455,525		Jasbir Singh et al.	09-24-2002
	AB3	6,514,745	B1	Michael Karin et al.	02-04-2003
	AC3	2002-0028815		Mark A. Ator et al.	03-07-2002
	AD3	2002-0061920		Diane E. Gingrich et al.	05-23-2002
<i>✓</i>	AE3	2002-0198219		Elfrida R. Grant et al.	12-26-2002

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
<i>mad</i>	AM	CA	2,148,898		The General Hospital Corporation et al.	05-08-1995	
	AN	WO	93/15201		New England Deaconess Hospital	08-05-1993	
	AO	WO	94/17498		Enco-Tone Ltd.	08-04-1994	
	AP	WO	95/03324		The Regents of the University of California	02-02-1995	
<i>✓</i>	AQ	WO	95/23849		The Children's Hospital of Philadelphia	09-08-1995	



AL2	WO	99/58982	Ya Fang Liu	11-18-1999
AM2	WO	00/13015	Cephalon, Inc.	03-09-2000
AN2	WO	00/47583	Cephalon, Inc.	08-17-2000
AO2	WO	02/14536	Cephalon, Inc.	02-21-2002

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
MPA	AZ4	Angeles, T. et al., Enzyme-linked Immunosorbent Assay for trkA Tyrosine Kinase Activity. Analytical Biochemistry, 236: 49-55, 1996.	
	AR5	Bergeron et al., Inhibition of Cell Growth by Overexpression of the ZPK Gene. Biochemical and Biophysical Research Communications, 231:153-155, 1997.	
	AS5	Blouin et al., Cell-Specific Expression of the ZPK Gene in Adult Mouse Tissues. DNA and Cell Biology, 15: 631-642, 1996.	
	AT5	Davis, R.J., Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. GenBank Accession No. U34819, July 25, 1996.	
	AU5	Davis, R.J., Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. GenBank Accession No. U34820, July 25, 1996.	
	AV5	DeAizpurua et al., Expression of Mixed Lineage Kinase-1 in Pancreatic β -Cell Lines at Different Stages of Maturation and During Embryonic Pancreas Development. The Journal of Biological Chemistry, 272:16364-16373, 1997.	
	AW5	Diener et al., Activation of the c-Jun N-terminal kinase pathway by a novel protein kinase related to human germinal center kinase. Proc. Natl. Acad. Sci. USA, 94: 9687-9692, 1997.	
	AX5	Dorow et al., Identification of a new family of human epithelial protein kinases containing two leucine/isoleucine-zipper domains. Eur. J. Biochem, 213:701-710, 1993.	
	AY5	Ezoe et al, PTK1, a novel protein kinase required for proliferation of human melanocytes. Oncogene, 9:935-938, 1994.	
	AZ5	Fan et al., Dual Leucine Zipper-bearing Kinase (DLK) Activates p46SAPK and p38mapk but not ERK2. Journal of Biological Chemistry, 271:24788-24793, 1996.	
	AR6	Fanger, G.R. et al., MEKKs, GCKs, MLKs, PAKs, TAKs, and tpls: Upstream Regulators of the c-Jun Amino-Terminal Kinases? Current Opinion in Genetics and Development, 7:67-74, 1997.	
	AS6	Glicksman et al., CEP-1347/KT7515 Prevents Motor Neuronal Programmed Cell Death and Injury-Induced Dedifferentiation In Vivo. Journal of Neurobiology. 34: 361-370, 1998.	
	AT6	Glicksman et al., K-252a and Staurosporine promote Choline Acetyltransferase Activity in Rat Spinal Cord Cultures. Journal of Neurochemistry, 61:210-221, 1993.	
	AU6	Hambleton et al., Activation of c-Jun N-terminal kinase in bacterial lipopolysaccharide-stimulated macrophages. Proc. Natl. Acad. Sci. USA, 93: 2774-2778, 1996.	
	AV6	Hirai et al., Activation of the JNK pathway by distantly related protein kinases, MEKK and MUK. Oncogene, 12: 641-650, 1996.	
	AW6	Holzman et al., Identification, Molecular Cloning, and Characterization of Dual Leucine Zipper Bearing Kinase. Journal of Biological Chemistry, 269: 30808-30817, 1994.	
	AX6	Hu et al., Human HPK1, a novel human hematopoietic progenitor kinase that activates the NJK/SAPK kinase cascade. Genes and Development, 10: 2251-2264, 1996.	
	AY6	Ing et al., MLK-3: identification of a widely-expressed protein kinase bearing an SH3 domain and a leucine zipper-basic region domain. Oncogene, 9:1745-1750, 1994.	
	AZ6	Kaneko et al., Neurotrophic 3, 9-bis (alkylthio)methyl - and - bis(alkoxymethyl) -K- 252a Derivatives. J. Med. Chem. 40: 1863-1869, 1997.	
	AR7	Katoh et al., Cloning and Characterization of MST, a novel (putative) serine/threonine kinase with SH3 domain. Oncogene, 10: 1447-1451, 1995.	
	AS7	Kiefer et al., HPK1, a hematopoietic protein kinase activating the SAPK/JNK pathway. EMBO Journal, 15: 7013-7025, 1996.	
	AT7	Knight, E. et al., A Radioactive Binding Assay for Inhibitors of trkA Kinase. Analytical Biochemistry, 247: 376-381, 1997.	
	AV7	Maroney et al., Motoneuron Apoptosis is blocked by CEP-1347 (KT 7515), a Novel Inhibitor of the JNK Signaling Pathway. Journal of Neuroscience. 18(1): 104-111, 1998.	



<u>AW7</u>	Mata et al., Characterization of Dual Leucine Zipper-bearing Kinase, a Mixed Lineage Kinase Present in Synaptic Terminals whose Phosphorylation State is Regulated by Membrane Depolarization via Calcineurin. Journal of Biological Chemistry, 271: 16888-16896, 1996.		
<u>AX7</u>	Nagata et al., The MAP kinase kinase kinase MLK2 co-localizes with activated JNK along microtubules and associates with kinesin superfamily motor KIF3. EMBO Journal, 17: 149-158, 1998.		
<u>AY7</u>	Park et al., Ordering the Cell Death Pathway. J. Biol. Chem. 271(36): 21896-21905, 1996.		
<u>AZ7</u>	Phelps et al., Generation Patterns of Four Groups of Cholinergic Neurons in Rat Cervical Spinal Cord: A Combined Tritiated Thymidine Autoradiographic and Choline Acetyltransferase Immunocytochemical Study. Journal of Comparative Neurology, 273: 459-472, 1998.		
<u>AR8</u>	Pombo et al., Activation of the SAPK pathway by the human STE20 homologue germinal centre kinase. Nature, 377: 750-754, 1995.		
<u>AS8</u>	Qin et al., Nuclear Factor- κ B Contributes to Excitotoxin-Induced Apoptosis in Rat Striatum. Molecular Pharmacology, 53: 33-42, 1998.		
<u>AT8</u>	Reddy et al., Cloning of a Novel Putative Protein Kinase Having a Leucine Zipper Domain From Human Brain. Biochemical and Biophysical Research Communication, 202: 613-620, 1994.		
<u>AU8</u>	Sakuma et al., Molecular Cloning and Functional Expression of a cDNA Encoding a New Member of Mixed Lineage Protein Kinase from Human Brain. Journal of Biological Chemistry, 272: 28622-28629, 1997.		
<u>AV8</u>	Sells et al., Emerging from the Pak: the p21-activated protein kinase family. Trends in Cell Biology, 7: 162-167, 1997.		
<u>AW8</u>	Smith et al., Trophic Effects of Skeletal Muscle Extracts on Ventral Spinal Cord Neurons in Vitro: Separation of a Protein with Morphologic Activity from Proteins with Cholinergic Activity. Journal of Cell Biology, 101: 1608-1621, 1995.		
<u>AX8</u>	Su et al., NIK is a new Ste20-related kinase that binds NCK and MEKK1 and activates the SAPK/JNK cascade via a conserved regulatory domain. The EMBO Journal, 16: 1279-1290, 1997.		:
<u>AY8</u>	Tung et al., A novel human SPS1/STE20 homologue, KHS, activates Jun N-terminal kinase. Oncogene, 14:653-659, 1997.		

EXAMINER

Marianne P. Allen

DATE CONSIDERED

6/10/04

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

PTC-1449 REPRODUCED		ATTORNEY DOCKET NO. YFL98-01pA		APPLICATION NO. 09/156,367			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Ya Fang Liu					
		FILING DATE September 17, 1998		GROUP 1645 1631			
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	WO 99 18193	15-APR-99	WIPO			
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AX4	Y.F. Liu et al., "Expression of the Huntington Mutant Activates JNK/SAPK and Induces Neuronal Apoptosis." Society for Neuroscience Abstracts 23(1-2): 1909 (October 25, 1997) (Abstract XP002115942)					
	AY4	M. Dickens et al., "A Cytoplasmic Inhibitor of JNK Signal Transduction Pathway," Science 277: 693-693 (August 1, 1997)					
EXAMINER		DATE CONSIDERED					
MP Allen		6/29/00					